














HC

 Title:	JP10101982A2: WATER-ERASABLE MARKING PEN INK COMPOSITION
 Derwent Title:	Ink composition for wet-erasing type marking pens - contains an electron donating colouring organic compound, electron receiving developer, compound containing fatty acid ester(s) and organic solvent [Derwent Record]
 Country:	JP Japan
 Kind:	A
 Inventor:	NAKAMURA HIROYUKI;
 Assignee:	PILOT INK CO LTD News, Profiles, Stocks and More about this company
 Published / Filed:	1998-04-21 / 1996-10-03
 Application Number:	JP1996000282979
 IPC Code:	<u>C09D 11/16;</u>
 Priority Number:	1996-10-03 JP1996000282979
 Abstract:	<p>PROBLEM TO BE SOLVED: To provide an ink which can give dark-colored writing which, once erased with water, does not develop a color again and can be kept in a decolored state by using an electron-donating color-forming organic compound, an electron-accepting color developer, a specified compound, a specified surfactant and a specified organic solvent as the essential components.</p> <p>SOLUTION: This ink essentially consists of an electron-donating color-forming organic compound (e.g. leuco dye), an electron-accepting color developer (e.g. gallic acid), a compound selected among fatty acid esters, dialkyl dicarboxylates, polyhydric alcohol. fatty acid esters, hydroxy acid esters, fatty acid/glycol ether esters dicarboxylic acid/di(glycol ether) esters and higher alcohols (e.g. triglyceryl 2-ethylhexanoate), a nonionic surfactant having an HLB of 10 or below and an organic solvent selected among ethanol, isopropanol, propylene glycol monomethyl ether, 3-methoxy-3-methylbutanol, methyl lactate and ethyl lactate.</p> <p>COPYRIGHT: (C)1998,JPO</p>
 Family:	None
 Other Abstract Info:	CHEMABS 129(01)005713B CAN129(01)005713B DERABS C98-292345 DERC98-292345